10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TANK Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5860c

Specification

TANK Antibody (Center) - Product Information

Application	**FC, WB, IHC-P,E**
Primary Accession	Q92844
Other Accession	NP_004171.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**47816**
Antigen Region	**88-114**

TANK Antibody (Center) - Additional Information

Gene ID 10010

Other Names
TRAF family member-associated NF-kappa-B activator, TRAF-interacting protein, I-TRAF, TANK, ITRAF, TRAF2

Target/Specificity
This TANK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 88-114 amino acids from the Central region of human TANK.

Dilution
FC~~1:10~50
WB~~1:1000
IHC-P~~1:50~100
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TANK Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TANK Antibody (Center) - Protein Information

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Name TANK

Synonyms ITRAF, TRAF2

Function Adapter protein involved in I-kappa-B-kinase (IKK) regulation which constitutively binds TBK1 and IKBKE playing a role in antiviral innate immunity. Acts as a regulator of TRAF function by maintaining them in a latent state. Blocks TRAF2 binding to LMP1 and inhibits LMP1- mediated NF-kappa-B activation. Negatively regulates NF-kappaB signaling and cell survival upon DNA damage (PubMed:25861989). Plays a role as an adapter to assemble ZC3H12A, USP10 in a deubiquitination complex which plays a negative feedback response to attenuate NF-kappaB activation through the deubiquitination of IKBKG or TRAF6 in response to interleukin-1-beta (IL1B) stimulation or upon DNA damage (PubMed:25861989). Promotes UBP10-induced deubiquitination of TRAF6 in response to DNA damage (PubMed:25861989). May control negatively TRAF2-mediated NF-kappa-B activation signaled by CD40, TNFR1 and TNFR2.

Cellular Location
Cytoplasm.

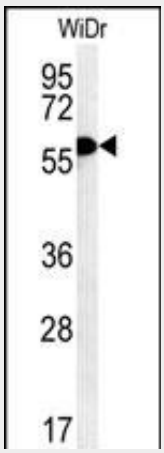
Tissue Location
Ubiquitous.

TANK Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TANK Antibody (Center) - Images



TANK Antibody (Center) (Cat. #AP5860c) western blot analysis in WiDr cell line lysates (35ug/lane).This demonstrates the TANK antibody detected the TANK protein (arrow).

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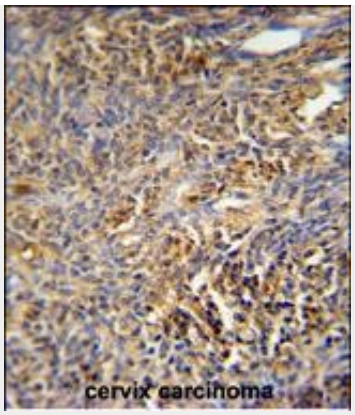
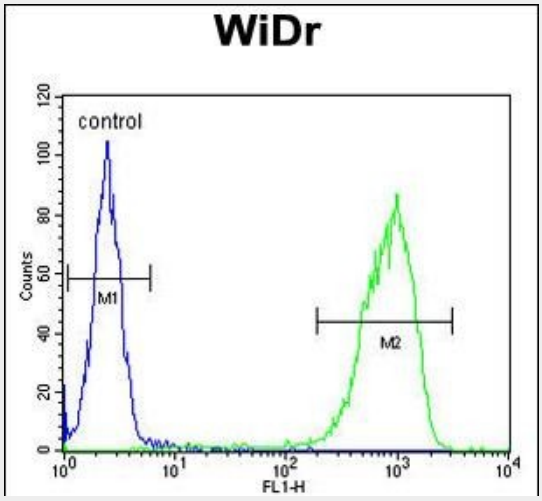


TANK Antibody (Center) (Cat. #AP5860c) immunohistochemistry analysis in formalin fixed and paraffin embedded human cervix carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TANK Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



TANK Antibody (Center) (Cat. #AP5860c) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.